

# BEST AVAILABLE COPY

		Date: 8/15/97	Rev Date: 12/22/97 Rev. 5			
LACLEDE RESEARCH LABORATORIES Division of Laclede Professional Products, Inc. 2030 E. University Dr, Rancho Dominguez, CA 90220		AUTHORIZED BY:	MICHAEL PELLICO			
		APPROVED BY:	RAJVINDER ATWAL			
BATCH PRODUCTION RECORD I- FORMULA SHEET		SIGNATURE: Rajvinder Atwal				
		CUSTOMER: DISCUS DENTAL, INC.				
		PRODUCT: DAY WHITE 15%				
		BATCH #: 971204				
		BATCH SIZE: 340.0 Lb				
		MFG DATE: 12/23/97				
INGREDIENTS	LOT #	FORMULA AMOUNT	Unit	%WT/WT	WT. BY	CK. BY
1- D.I. WATER	971204	40.1	lb	11.80%	RM	Am
2- XYLITOL	H12ST7H25	17.0	lb	5.00%	RM	Am
3- HYDROGEN PEROXIDE (50%) CG	1997-23	102.7	lb	30.20%	RM	Am
4- PLURONIC F-127	NPDS-523B	85.0	lb	25.00%	Am	RM
5- EUGENOL	72256	771.8	gm	0.50%	RM	Am
6- NAT. OIL PEPPERMINT PE-05523	09189769	771.8	gm	0.50%	RM	Am
7- PROPYLENE GLYCOL USP	3044	68.0	lb	20.00%	RM	Am
8- GLYCERINE USP	71405520	23.8	lb	7.00%	RM	Am
Antifoaming agent	LL08B33	qs			RM	Am
TOTAL:		340.0	Lb	100.00%		
COMMENTS: <i>per WPS-523B 1997 Pluronic-F-127 1997-23 gm 34.0 lb Hydrogen Peroxide 50% CG 1997-23 10.0 lb</i>						

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 LACLEDE RESEARCH LABORATORIES Division of Laclede Professional Products, Inc. 2030 E. University Dr, Rancho Dominguez, CA 90220		AUTHORIZED BY: MICHAEL PELLICO
BATCH PRODUCTION RECORD II- PROCEDURE SHEET		APPROVED BY: RAJVINDER ATWAL
		SIGNATURE: Rajvinder Atwal
		CUSTOMER: DISCUS DENTAL, INC.
		PRODUCT: DAY WHITE 15%
		BATCH# 971204
		BATCH SIZE: 340.0 Lb
		MFG DATE: 12/23/97
EQUIPMENT CLEANING		
CLEAN BY: <u>Rajvinder Atwal</u>		CHECK BY: <u>Lynne Sims</u>
MANUFACTURING PROCEDURES		
1- Batch will be made in a 30 gallon polyethylene drum, using a lightnin mixer.		
2- Add two first ingredients to the batch: D.I. WATER and XYLITOL and mix until dissolved.		
3- Add HYDROGEN PEROXIDE and mix for 5 minutes.		
4- The above mixture should be put in the freezer for one hour or until is cold.		
5- Start mixing. Slowly sprinkle PLURONIC F-127 into the vortex. Mix for at least 30 minutes or until dissolved. Avoid excessive foaming adding some drops of antifoaming agent. Put it in the freezer for a few hours or until clears up. Remove foam if there is any. Take it out of the freezer.		
6- Add ingredients #5 and #6 in order. Keep mixing.		
7- Add ingredients #7 and #8: PROPYLENE GLYCOL and GLYCERINE (must be cold before adding them)		
8- Mix for additional 20 minutes after last ingredient.		
9- Send sample to Quality Control for approval (check pH; range: 4.5-5.5).		
10- Retain 1 sample (16 oz jar) for testing and evaluation.		
NOTE: make sure that Pluronic F-127 is always in the freezer (cold before using it)		
PACKING AND LABELING INSPECTION		
CHECK BY: <u>Anita Roada</u>		OK. BY: <u>Lynne Sims</u>

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LACLEDE RESEARCH LABORATORIES  
Division of Laclede Professional Products, Inc.  
15011 Staff Ct, Gardena, CA 90248

BATCH PRODUCTION RECORD  
I- FORMULA SHEET

Rev. Date:	10/16/97	Rev. 31
AUTHORIZED BY:	MICHAEL PELLICO	
APPROVED BY:	VERONICA SABABA	
SIGNATURE:	V.E.	
CUSTOMER:	DISCUSDENTAL, INC.	
PRODUCT:	BOOSTER GEL	
BATCH #	971010	
BATCH SIZE:	3.0 Lb	
MFG DATE:	Fr: 10/3/97 → Mo: 11/3/97	

INGREDIENTS	LOT #	FORMULA AMOUNT	Unit	%WT/WT	WT. BY	CK. BY
✓ 1- D.I. WATER		544.1	gm	39.95%		
✓ 1t polyox		10.2	gm	0.75%		
✓ 2- PLURONIC F-127		245.2	gm	18.00%		
✓ 3- GLYCERINE USP		272.4	gm	20.00%		
✓ 4- PROPYLENE GLYCOL USP		204.3	gm	15.00%		
✓ 5- NAT. OIL PEPPERMINT PE-05523		13.6	gm	1.00%		
✓ 6- N&A ANISE FLAVOR OIL AN-08486		2.7	gm	0.20%		
✓ 7- ALOE VERA GEL DECOLORIZED 10X		6.8	gm	0.50%		
✓ 8- D.I.WATER		13.6	gm	1.00%		
✓ 9- Color: Flamenco Satin Pearl 3500		1.4	gm	0.10%		
✓ 10- D.I. WATER		40.9	gm	3.00%		
✓ 11- POTASSIUM HYDROXIDE USP		6.8	gm	0.50%		
Antifoaming agent		~ 5 drops				
TOTAL:			3.0 Lb	100.00%		

COMMENTS:

11/3/97 : product tooo sticky (gel) very hard to work with it Added Pluronic F-127 & started foaming & ~~was~~ raising while I was mixing stopped mixing & put it in freeze.

11/4/97 no change dumped it

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